TAGGING
F4942-4957

see separate flounder
sheet for
additional flounder
data

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2395	032	02 07 74	26AC	36 25	75 47

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
6008	09	—	14	992	N	SW	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	OC	SA	E	FT	151	—	15	060

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00600	0020	—	00015

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36° 25'	75° 47'	1737	3037	8		1430	1432
							PU	ON
FINISH	36° 24'	75° 47'	1731	3036	8		1532	1536

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	1300/5 2	50	Switched To 151 FT. Winged

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Towed South and back North

OBSERVATIONS

18 P. dentatus - 41 Stripers - 2 ~~Am~~ Shad

2 Alewife - 1 Bluebrack

R/V DAN MOORE SPECIES LIST

STATION NUMBER 2395 DATE Feb. 7 19 74 IDENTIFIED BY BFH AEP

TAL CATCH WT. 600± SUBSAMPLE WT. — NO. BASKETS 6

FF 600 Crust 20 Moll. — Other 15

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
* P. dentatus	18	10	Yes
* Alosa pseudoharengus	2	1	?
* A. aestivalis	1	<1	?
Cynoscion nebulosus	Few	4	
C. regalis	do.	2	
Merluccius bilinearis	do.	5	
Alosa sapidissma	12	6	Yes
Micropogon undulatus	Few	1	
* Morone saxatilis	41	300	Yes
Clupea harengus	4	2	
Peprilus triacanthus	Few	5	
Scopthalmus aquosus	do.	5	
Anchoa sp.	Trace	1	
Lophius americana	Few	25	
Squalus acanthias	Abund.	200	
Cancer irroratus	Abund.	20	Juveniles
Loligo pealii	Few	10	
Limulus polyphemus	do	5	

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

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ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2395 Tot. Fish Captured 18

Date 7 Feb. 1974 Tot. Fish Tagged 16

Area of Release 3H4 1776 3H5 3047 6 FMS No. Retained for analysis 2

LORAN Start 1737 3037 8 FMS Gear Type 151' Wing Trawl

Finish 1731 3036 8 FMS

Towed South and back North

Released at end of # 2396 Tow
Get info. from Station Log.
Area I

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
F4942			206	P. dentatus	
4943			227		
4944			197		
4945			188		
4946			215		
4947			210		
4948			220		
4949			223		
4950			207		
4951			191		
4952			200		
4953			193		
4954			190		
4955			235		
4956			254		
F4957			220		

Length-frequency distribution

Species: P. dentatus | Station: 2395

Date: Feb 7, 1974 | Locality:

T.L.	Unsexed	♂	♀
100 - 109			
110 -			
120 -			
130 -			
140 -			
150 -			
160 -			
170 -			
180 -	I	(1)	
190 -	IIII	(4)	
200 -	III	(3)	
210 -	II	(2)	
220 -	IIII	(4)	
230 -	I	(1)	
240 -			
250 -	I	(1)	
260 -			
270 -			
280 -			
290 -			
300 -			
310 -			
320 -			
330 -			
340 -			
350 -			
360 -			
370 -			
380 -			
390 -			
400 -			
410 -			
420 -			
430 -			
440 -			
450 -			
460 -			
470 -			
480 -			
490 -			
500 -			
510 -			(1)
520 -			
530 -			(1)
540 -			
550 -			
560 -			
570 -			
580 -			
590 -			

T.L.
600 -
610 -
620 -
630 -
640 -
650 -
660 -
670 -
680 -
690 -
700 -
710 -
720 -
730 -
740 -
750 -

♂ 0
♀ 2
Unsexed - 16
Total 18

Sheet 1 of 1

American Shad

Station	Date	FL (cm)	Weight (Kg)	Sex	Scales	Age	Spawning Marks	Stage	Am Shad #
2395 ✓	2-7-74	45.0	3½ lbs	♂	✓	5A+=6	0	—	1
"	"	42.7	3¼ lbs	♀	✓	3A-2+=6	2	III	2
		2/87.7							
2424 ✓	3/14/74	14.2	–	♂	✓	2A+=3	0	Imm	3
"	3/14/74	14.5	–	♂	✓	2A+=3		Imm.	4
		2/28.7							
2450 ✓	4/2/74	1/12.7	22g	♂	✓	1A+=2		1mm	5
2418 ✓	3/12/74	12.8	24g	–	–	–	–	–	6
		14.5	34g	♂	–	–	–	1mm	7
		13.0	24g	♀	–	–	–	"	8
		14.8	40g	♂	✓	2A+=3	0	"	9
		13.7	30g	–	–	–	–	–	10
		13.8	30g	♀	–	–	–	1mm.	11
		13.4	28g	♂	✓	1A+=2	0	"	12
		14.5	34g	♂	–	–	–	"	13
		11.8	20g	–	–	–	–	–	14
		13.5	28g	–	–	–	–	–	15
		13.5	28g	♀	✓	1A+=2	0	1mm.	16
		13.8	32g	♀	–	–	–	"	17
		13.0	22g	–	–	–	–	–	18
		12.5	25g	–	–	–	–	–	19
		13.7	30g	♀	–	–	–	1mm.	20
		16.0	54g	♂	–	–	–	"	21
		14.0	30g	♀	–	–	–	"	22
		13.0	30g	♂	–	–	–	"	23
		13.0	24g	–	–	–	–	–	24
		15.0	38g	–	–	–	–	–	25
2418	3/12/74	13.0	26g	–	–	–	–	–	26
		21/286.3							
2419 ✓	3/12/74	1/11.8	20g	♂	–	–	–	1mm	27

Striped BASS

STATION	DATE	FL (cm)	WEIGHT (lbs)	SEX	SCALES	AGE	SPAWNING MARKS	STAGE	SB #
2395 ✓	2-7-74	67.7	—	—	✓	7A = 7	—	—	100
〃	〃	58.0	—	♀	✓	5A+ = 6	—	II	101
〃	〃	63.3	—	—	✓	7A = 7	—	—	102
〃	〃	49.0	—	♀	✓	5A = 5	—	I	103
〃	〃	46.7	—	♂	✓	5A+ = 6	—	—	104
〃	〃	47.6	—	♂	✓	5A = 5	—	—	105
〃	〃	44.7	—	♂	✓	5A = 5	—	—	106
〃	〃	51.0	—	♀♂	✓	4A = 4	—	I	107
〃	〃	50.5	—	♂	—	No scales	—	—	108
〃	〃	60.2	—	—	✓	6A = 6	—	—	109
〃	〃	52.0	—	♀	✓	5A = 5	—	I	110
〃	〃	53.8	—	♀	✓	4A+ = 5	—	I (5mm)	111
〃	〃	55.0	—	♀	✓	5A+ = 6	—	II	112
〃	〃	64.9	—	—	✓	6A+ = 6	—	—	113
〃	〃	64.0	—	—	✓	4A+ = 5	—	—	114
〃	〃	70.8	—	—	✓	6A+ = 7	—	—	115
〃	〃	66.7	—	—	✓	6A = 6	—	—	116
〃	〃	61.5	—	—	✓	6A = 5	—	—	117
〃	〃	81.0	—	—	✓	8A = 8	—	—	118
〃	〃	63.7	—	—	✓	7A = 7	—	—	119
〃	〃	81.6	—	—	✓	9A = 9	—	—	120
〃	〃	70.0	—	—	✓	7A = 7	—	—	121
〃	〃	77.2	—	—	✓	8A+ = 9	—	—	122
〃	〃	68.0	—	—	✓	6A+ = 7	—	—	123
〃	〃	68.0	—	—	✓	8A = 8	—	—	124
〃	〃	68.7	—	—	✓	7A+ = 8	—	—	125
〃	〃	68.4	—	—	✓	7A+ = 8	—	—	126
〃	〃	65.4	—	—	✓	8A = 8	—	—	127
〃	〃	60.3	—	—	✓	7A = 7	—	—	128
〃	〃	77.7	—	—	✓	8A = 8	—	—	129
〃	〃	64.2	—	—	✓	7A = 7	—	—	130
〃	〃	80.0	—	—	✓	9A = 9	—	—	131
〃	〃	79.0	—	—	✓	9A = 9	—	—	132
〃	〃	88.7	—	—	✓	9A = 9	—	—	133
〃	〃	66.5	—	—	✓	7A = 7	—	—	134
〃	〃	94.0	—	—	✓	11A = 11	—	—	135
〃	〃	71.9	—	—	✓	7A = 7	—	—	136
〃	〃	63.5	—	—	✓	5A+ = 6	—	—	137
〃	〃	52.2	—	—	✓	5A = 5	—	—	138
〃	〃	60.0	—	—	✓	5A+ = 6	—	—	139
〃	〃	46.1	—	—	✓	4A+ = 5	—	—	140
	41/	2643.5							
2411 ✓	3/5/74	82.8	—	♀	✓	9A = 9	—	II	141
〃	〃	79.5	—	♀	✓	8A+ = 9	—	III	142
〃	〃	82.0	—	♀	✓	8A+ = 9	—	III	143
〃	〃	87.5	—	♀	✓	9A+ = 10	—	III	144
〃	〃	82.0	—	♀	✓	8A+ = 9	—	III	145
〃	〃	86.3	—	♀	✓ BAD	7A+ = 8 or 9	—	III	146
〃	〃	80.2	—	♀	✓	8A+ = 9	—	III	147
〃	〃	80.0	—	♀	✓	7A+ = 8	—	II	148
〃	〃	90.0	—	♀	✓	10A+ = 11	—	III	149
〃	〃	89.0	—	♀	✓	8A+ = 9	—	II	150
〃	〃	80.2	—	♂	✓ BAD	9A+ = 10	—	—	151

Blueback Herring

STATION	DATE	Fork Length (mm)	WEIGHT (g)	SEX	SCALES	Age	SPAWNING MARKS	STAGE	BB #
2370	1-16-74	70	4	–	–	–	–	–	1
do.	"	72	4		–	–	–	–	2
do.	"	71	4		–	–	–	–	3
do.	"	100	8	–	–	–	–	–	4
do.	"	170	54	♀	–	–	–	Imm.	5
do.	"	160	46	♂	–	–	–		6
do.	"	147	38	?	✓	2A=2	0	–	7
do	"	157	40	♀	–	–	–	Imm.	8
do.	"	73	4		–	–	–	–	9
do.	"	69	4		–	–	–	–	10
do.	"	70	4		–	–	–	–	11
do.	"	177	65	♂	–	–	–		12
do.	"	148	38	♂	✓	2A=2	0		13
do.	"	93	8		✓	1A=1	0	–	14
do.	"	69	4		–	–	–	–	15
do. 16	"	69	4		–	–	–	–	16
2368	1-15-74	238	180	♀	–	–	–	III	17
do.	"	224	137	♂	–	–	–		18
do.	"	243	184	♂	–	–	–		19
do.	"	255	228	♀	–	–	–	III	20
2392	2-7-74	238	—	♀	—	—	—	II	21
2395	2-7-74	263	—	♀	—	—	—	III	22
2396	2-7-74	170	—	♂	—	—	—	—	23
"	"	159	—	♀	—	—	—	I	24
"	"	180	—	♂	—	—	—	—	25
"	"	162	—	♀	—	—	—	—	26
"	"	155	—	♂	—	—	—	—	27
2397	2-12-74	223	168	♂	✓	4A+1S=5	1	–	28
do.	"	234	188	♂	✓	5A=5		–	29
do.	"	243	202	♂	✓	4A-2S+=7	2	–	30
do.	"	247	186	♂	✓	3A+3S+=7	3	–	31
do.	"	222	152	♀	—	—	—	III	32
do.	"	235	172	♂	–	–	–	–	33
do.	"	233	180	♀	–	–	–	III	34
do.	"	244	156	♀	–	–	–	III	35
do.	"	240	204	♀	✓	4A+3S+=8	3	III	36
do.	"	253	218	♀	✓	5A+1S+=7	1	III	37
do.	"	242	194	♀	✓	4A+2S+=7	2	II	38
do.	"	233	180	♂	–	–	–	–	39
do.	"	245	200	♂	–	–	–	–	40
do.	"	228	160	♂	–	–	–	–	41
do.	"	235	184	♂	–	–	–	–	42
do.	"	–	–	♂	✓	3A+=4	0	–	43
do.	"	216	134	♀	✓ ?	4A+2S+=7	2	II	44
do.	"	233	190	♀	–	–	–	II	45
do.	"	227	150	♂	–	–	–	–	46
do	"	242	190	♂	–	–	–	–	47
do.	"	258	258	♀	✓	4A-2S+=7	2	III	48
do.	"	250	246	♀	✓	5A-1S+=7	0	III	49
do.	"	230	190	♂	–	–	–	–	50

Alewife

Station	Date	Fork Length (mm)	Weight (g)	Sex	Scales	Age	Spawning Marks	Stage	AL #
2366 ✓	1-10-74	1/305	—	♂	✓	6A = 6	0	—	1
2395 ✓	2-7-74	250	—	♀	—	—	—	III	2
"	"	255	—	♀	—	—	—	III	3
		2/505							
2397 ✓	2-12-74	239	212	♂	—	—	—	—	4
"	"	218	160	♂	✓	5A+ = 6	0	—	5
"	"	227	200	♀	—	—	—	III	6
"	"	234	190	♂	—	—	—	—	7
"	"	235	222	♀	—	—	—	III	8
"	"	237	206	♂	—	—	—	—	9
"	"	245	244	♂	✓	3A-1St=5	1	—	10
"	"	235	190	♀	✓	5A+ = 6		II	11
"	"	245	245	♀	✓	4A+ = 5	0 ✓	III	12
"	"	237	244	♂	✓	4A+ = 5	0	—	13
"	"	235	232	♂	✓	3A-1St=5	1	—	14
"	"	268	330	♀	✓	3A-1St=5	1	III	15
"	"	230	210	♂	✓	5A+ = 6	0	—	16
"	"	240	244	♂	✓	3A-1St=5	1	—	17
"	"	228	159	♂	—	—	—	—	18
"	"	235	214	♀	—	—	—	III	19
"	"	252	268	♂	✓	3A-1St=5	1	—	20
"	"	242	244	♂	✓	3A-1St=5	1	—	21
"	"	225	192	♂	✓	3A+ = 4	0	—	22
"	"	232	200	♂	—	—	—	—	23
"	"	230	202	♂	✓	5A+ = 6	0	—	25
"	"	232	182	♀	—	—	—	I	26
"	"	258	272	♀	✓	4A+ = 5	0	III	27
"	"	235	224	♂	✓	4A+ = 5	0		28
"	"	258	312	♀	✓	3A-2St=6	2	III	29
"	"	238	224	♂	✓	5A+ = 6	0	—	30
"	"	230	214	♂	—	—	—	—	31
"	"	230	208	♂	—	—	—	—	32
"	"	227	188	♂	—	—	—	—	33
"	"	225	196	♂	—	—	—	—	34
"	"	233	216	♂	—	—	—	—	35
"	"	215	174	♂	—	—	—	—	36
"	"	240	234	♀	✓	5A+ = 6	0	III	37
"	"	225	192	♂	✓	5A+ = 6	0	—	38
"	"	225	174	♂	✓	3A+ = 4	0	—	39
"	"	215	176	♂	✓	2A+ = 3	0	—	40
"	"	235	220	♂	✓	3A-1St=5	1	—	41
"	"	240	192	♂	✓	3A+ = 4	0	—	42
"	"	230	206	♂	✓	3A-1St=5	1	—	43
"	"	230	212	♂	✓	3A-2St=6	2	—	44
		40/9390							
2411 ✓	3/5/74	247	266	♂	✓		1	—	45
"	"	270	330	♂	—	— ✓	—	—	46
"	"	235	240	♂	✓	3A-1St=5	1	—	47
"	"	252	294	♀	—	—	—	III	48
"	"	290	328	♂	—	—	—	—	49
"	"	233	202	♀	—	—	—	III	50
"	"	250	270	♀	—	—	—	III	51
"	"	261	280	♂	✓	3A-3St=7	3	—	52
		01/2450							

24 All mine

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
II-1	537	♀	✓	✓				VII (11.29)	2395	28 * Area I Feb 1974
II-2	513	♀	✓	✓				VI (18.7)	2375	
II-3	497	♀	✓	✓				VI (15.59)	2396	(See below) Area I Feb 1974
II-4	402	♀	✓	✓				III (6.3)	2407	— Area II Feb 1974
II-5	372	♀	✓	✓				III (5.79)	"	—
II-6	386	♀	✓	✓				VII - I (3.39)	"	—
II-7	374	♀	✓	✓				I (2.59)	"	—
II-8	312	♀	✓	✓				I	"	330 (9)
II-9	352	♀	✓	—				I	"	485
II-10	220	♀	✓	—				I	"	115
II-11	188	♂	✓	—				—	"	70
II-12	290	♀	✓	—				I	"	240
II-13	236	♀	✓	—				I	"	130
II-14	151	Immature	✓	—				—	"	45
II-15	215	♀	✓	—				I	"	105
II-16	207	♂	✓	—				—	"	85
II-17	200	♀	✓	—				I	2402-2403	90 Area I Feb 1974
II-18	339	♀	✓	—				I	"	430
II-19	306	♀	✓	—				I	"	340
II-20	286	♀	✓	—				I	"	275
II-21	197	♀	✓	—				I	"	90
II-22	188	♀	✓	—				I	"	90
II-23	208	♂	✓	—				—	"	105
II-24	256	♀	✓	—				I	"	190
II-25	181	♀	✓	—				I	"	70
II-26	199	♀	✓	—				I	"	85
II-27	192	♀	✓	—				I	"	80
II-28	193	♀	✓	—				I	"	90
II-29	257	♂	✓	—				—	2380-2381	170 * Area 3 Feb 1974
II-30	247	♂	✓	—				—	"	145
II-31	324	♀	✓	—				I	"	320
II-32	335	♀	✓	—				I	"	325
II-33	308	♂	✓	—				—	"	310
II-34	268	♀	✓	—				I	"	185
II-35	257	♀	✓	—				I	"	190
II-36	332	♀	✓	✓				III (7.89)	"	375
II-37	324	♀	✓	—				VII - I	"	320
II-38	225	♀	✓	—				I	"	130
II-39	221	♀	✓	—				I	"	110
II-40	206	♂	✓	—				—	"	110
II-41	247	♀	✓	—				I	"	165
II-42	251	♂	✓	—				—	"	170
II-43	227	♂	✓	—				—	"	130
II-44	280	♀	✓	—				I	"	240
II-45	242	♂	✓	—				—	"	155
II-46	232	♂	✓	—				—	"	130
II-47	235	♂	✓	—				—	"	135

2395